

## Appendix to Chapter 14: Lexicalization patterns in core vocabulary

### Overview

NEXUS FILE TEMPLATE

FIGURE 14.1. PHYLOGENETIC NETWORK FOR THE LEXICALIZATION OF ABSTRACT CONCEPTS

FIGURE 14.2. PHYLOGENETIC NETWORK FOR LEXICALIZATIONS OF SOCIAL MOLECULES

FIGURE 14.3. PHYLOGENETIC NETWORK FOR LEXICALIZATION OF BODY-PART MOLECULES

FIGURE 14.4. PHYLOGENETIC NETWORK FOR ENVIRONMENTAL MOLECULES

### NEXUS file template

Presented here is a NEXUS file template that can be used with the data presented further below to generate the various network graphs presented throughout Chapter 14. To generate networks, insert data into the NEXUS file section labelled `MATRIX`.

```
#nexus
BEGIN Taxa;
DIMENSIONS ntax=20;
TAXLABELS
Dutch
English
French
Portuguese
Spanish
Kabuverdiano
Papiamentu
Palenquero
Chabacano
PapiaKristang
Bislama
TokPisin
Yumplatok
Trinidadian
Jumiekan
NigerianPidgin
Ayisyen
Morisyen
Tayo
VirginIslandDC
```

```

;
END; [Taxa]

BEGIN Characters;
DIMENSIONS nchar=7;
FORMAT

        datatype=STANDARD
        missing=?
        gap=-
        symbols="1,2,3,4,5,6,7,8,9, a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q,
r, s, t, u, v, w, x, y, z"
        labels=no
        transpose=no
        interleave=yes
;

MATRIX

[comment: insert data here; delete this line]

;
END; [Characters]

```

### Figure 14.1 (abstract)

```

1111111
2212222
3323333
4434344
4434354
5435344
4446364
4554354
4637374
6737484
4868592
4879592
4?826A2
62922B2
49AA2C2
42B22D2
7AC4335
7BD43E5

```

7AE43F5

4C1B1G1

**Figure 13.2 (social)**

1111111

2221122

3332233

4443344

5444444

6543344

7555555

8555646

9566544

A373364

B885671

B685681

B785691

2881122

C781122

B781122

D395683

E3A5633

D3B1233

G985621

**Figure 13.3 (body)**

1111111

2221222

3332333

4443444

4543444

4653455

4764465

4543475

4543475

4873435

2981183

2991183

59?1193  
2921183  
5A81185  
2981182  
3365333  
6A355A6  
3362337  
7BA11B5

**Figure 13.4 (environment)**

1111111  
1212122  
2323233  
3434342  
3534344  
3445345  
3635346  
4534354  
3537346  
3464346  
3212122  
1712122  
1218122  
1212122  
1272122  
1812122  
2329437  
2989467  
2329537  
1A1A118